

ABSTRACT OF THE DISCLOSURE

In a method of controlling a drive unit, particularly an internal-combustion engine generator unit, in addition to first and second controlling devices, a third controlling device is provided for computing a third injection quantity. One of the controlling devices is set as dominant for controlling the rotational speed. From an operator determined charge definition, a charge injection quantity is computed, and is compared with the injection quantity of the dominant controlling device. As a function of the comparison, the dominance of the controlling device is retained or the charge definition is set to be dominant for a power-determining signal.